

WHAT IS CLAIMED IS:

1. A decoding apparatus comprising:

inputting means for inputting a plurality kinds of encoded streams;

5 determining means for determining priority among the plurality kinds of encoded streams inputted by said inputting means; and

decoding means for decoding said plurality kinds of encoded streams by decoding processing that is 10 weighted according to the priority determined by said determining means.

2. An apparatus according to claim 1, wherein

said encoded stream includes encoded image data and 15 wherein said determining means determines priority according to a display size for displaying the image data.

3. An apparatus according to claim 1, wherein

20 said determining means determines priority according to an instruction of a user.

4. An apparatus according to claim 1, wherein

said encoded stream includes data that is image data to 25 which orthogonal transform processing, quantization processing and encoding are applied.

5. An apparatus according to claim 4, wherein
said decoding means is provided with a plurality kinds
of decoding processing, and the plurality kinds of
decoding processing include processing for applying
5 inverse orthogonal transformation only to at least a
part of orthogonal transform coefficients and inserting
zero in the remaining orthogonal transform coefficients
to decode them.
- 10 6. An apparatus according to claim 4, wherein
said encoded stream includes image data that is encoded
by the MPEG-2 coding method.
- 15 7. An apparatus according to claim 4, wherein
said encoded stream includes image data that is encoded
by the MPEG-1 coding method.
- 20 8. An apparatus according to claim 4, wherein
said encoded stream includes image data that is encoded
by the Motion JPEG coding method.
- 25 9. An apparatus according to claim 4, further
comprising displaying means for displaying image data
of a plurality kinds of encoded streams that are
decoded by said decoding means.
10. An apparatus according to claim 1, wherein

said decoding means includes first decoding processing
for decoding all data at least in an encoded stream and
second decoding processing for decoding only a part of
data in an encoded stream and selects the decoding
5 processing according to the priority determined by said
determining means.

11. A decoding method comprising the steps of:
inputting a plurality kinds of encoded streams;
10 determining priority among said inputted plurality
kinds of encoded streams; and
decoding said plurality kinds of encoded streams
by decoding processing that is weighted according to
the determined priority.

15 12. A decoding processing program including
program codes recorded in a computer-readable medium,
said program codes comprising:
a code of a step of inputting a plurality kinds of
20 encoded streams;
a code of a step of determining priority among
said inputted plurality kinds of encoded streams; and
a code of a step of decoding said plurality kinds
of encoded stream by decoding processing that is
25 weighted according to the determined priority.

13. A computer-readable recording medium in which

a decoding processing program is recorded, said
decoding processing program comprising:

a code of a step of inputting a plurality kinds of
encoded streams;

5 a code of a step of determining priority among
said inputted plurality kinds of encoded streams; and
 a code of a step of decoding said plurality kinds
of encoded streams by decoding processing that is
weighted according to the determined priority.